

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A capacitor ~~of the type having a cathode and an anode and an electrolyte disposed between the cathode and the anode, the capacitor,~~ comprising
an electrochemical cathode comprising an aluminum current collector coated with a finely divided material other than an aluminum oxide resulting from exposure of the aluminum to air,
an electrolytic anode comprising aluminum coated with aluminum oxide,
an electrolyte in contact with the finely divided material on the cathode and the aluminum oxide on the anode.
2. (Original) The capacitor of claim 1 wherein the electrolyte is substantially non-aqueous.
3. (Original) The capacitor of claim 2 wherein the electrochemical cathode functions by forming a double layer of charge at the interface between the finely divided material and the substantially non-aqueous electrolyte.
4. (Original) The capacitor of claim 2 wherein the finely divided material comprises carbon particles.

5. (Original) The capacitor of claim 4 wherein the carbon particles comprise at least one of carbon powder, carbon fibers, and graphite.

6. (Original) The capacitor of claim 2 wherein the electrochemical cathode functions by the presence of an oxidation reduction reaction within the finely divided material.

7. (Original) The capacitor of claim 2 wherein the electrochemical cathode comprises a metal oxide coating.

8. (Currently Amended) The capacitor of claim ~~2~~ 7 wherein the metal oxide coating is ruthenium oxide.

9. (Currently Amended) The capacitor of claim ~~2~~ 7 wherein the metal oxide is hydrous amorphous ruthenium oxide powder adhered to the aluminum current collector.

Claims 10-14 (Cancelled).

15. (Original) The capacitor of claim 2 wherein the substantially non-aqueous electrolyte comprises an ethylene glycol solvent.

16. (Original) The capacitor of claim 2 wherein the anode has a larger surface area than the cathode.